



Environmental Leader Facility

CHEMICAL WASTE MANAGEMENT

Lake Charles Facility

Sulphur, LA



The Chemical Waste Management (CWM) Lake Charles Facility is a wholly-owned subsidiary of Waste Management, Inc., the largest waste treatment and disposal company in the United States. The CWM Facility, located in Carlyss, Louisiana, treats and disposes hazardous and non-hazardous waste from industrial clients in secure double-lined landfills.

With 80 employees, the CWM Facility has maintained strict environmental controls since its inception more than 20 years ago. These controls include rigorous personnel training, daily inspections of the disposal areas, leachate management, groundwater monitoring, surface water sampling and analysis, and ambient air sampling. Through these programs the CWM Lake Charles Facility has maintained the quality of air, surface water, ground water, and soil in and around the site.

Pollution Prevention Highlights

- 1999-2000 – The CWM Lake Charles Facility sponsored innovative research with McNeese State University to evaluate the capacity of treated hazardous waste to chemically bind with leachate in order to minimize off-site leachate disposal and optimize landfill design.
- 1996-1997 – Improved management procedures reduced on-site generated hazardous waste (spent carbon canisters) by 9 tons per year.
- 1995-1997 – A 4,800 ton per year reduction in site-generated liquid hazardous waste (landfill leachate) was realized through minimizing the working face, and using a temporary landfill cover system.
- 1995-1996 – Improved management procedures reduced on-site generated hazardous waste (used personal protective equipment) by 150 tons per year.
- 1995-1996 – Eliminated a 1 ton per year hazardous waste stream (used aerosol cans) through improved management procedures.

Pollution Prevention Goals

WASTE STREAM	BASELINE YEAR	CURRENT YEAR QUANTITY	TARGET YEAR QUANTITY	COMMENTS
Leachate (gallons per inch of rainfall)	1999 100,000	2002 150,000	2003 90,000	Reduction to be achieved through on-site recycling
Truck wash water (hazardous waste) (tons/yr)	1995 720	2002 0	2003 0	Initiated on site recycling
Used lead-acid batteries (lbs/yr)	1997 1,000	2002 0	2003 0	Off-site recycling
Used personal protection equipment (tons/yr)	1995 400	2002 18	2003 17	Improved management procedures

Rev. 5-27-03

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